

AMENDMENTS TO THE CLAIMS:

Please cancel claims 4-6, 8-9, and 11-18. The following listing of claims replaces all prior versions, or listings, of claims in the present application.

1. (Previously Presented) A low temperature co-fired ceramic-metal (LTCC-M) integrated non-reciprocal device for directing radio frequency (RF) signals, comprising:

at least one ferrite disk situated in a magnetic field caused by at least one magnet and a ferrous base plate acting as a magnetic return path;

a conductor junction having three ports for coupling the RF signals to the non-reciprocal device; and

a plurality of LTCC-M insulating layers for positioning the at least one magnet and the at least one ferrite disk, and to support the conductor junction.

2. (Previously Presented) The non-reciprocal device of claim 1, wherein the conductor junction forms a micro-strip transmission line for coupling the RF signals to the non-reciprocal device.

3. (Previously Presented) The non-reciprocal device of claim 1, wherein the conductor junction forms a stripline transmission line for coupling the RF signals to the non-reciprocal device.

4-6. (Cancelled)

7. (Previously Presented) The non-reciprocal device of claim 1, further comprising a resistive termination configured such that the device acts as an isolator.

8-9. (Cancelled)

10. (Previously Presented) The non-reciprocal device of claim 1, wherein the non-reciprocal device is hermetically sealed by an LTCC-M package.

11-18. (Cancelled)